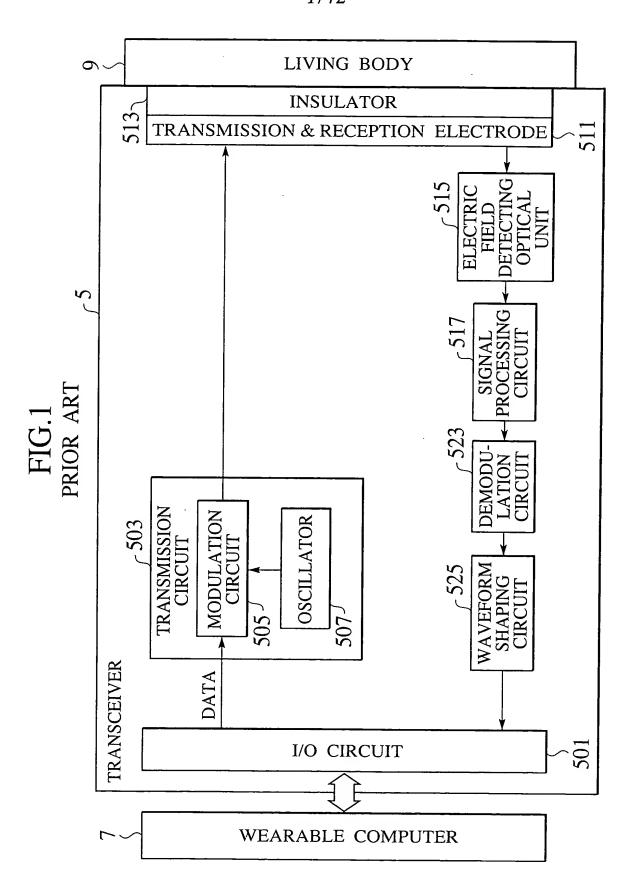
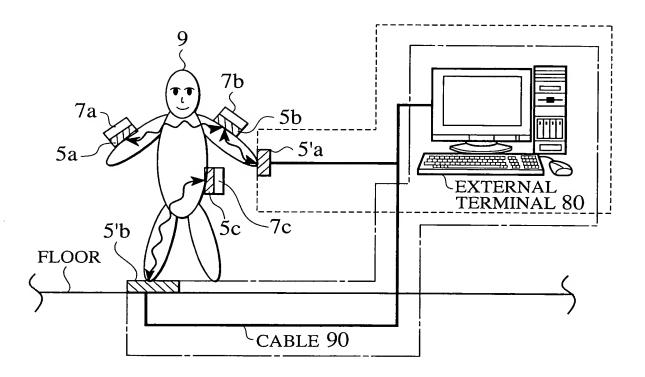
Applicant: Minotani et al. Sheet 1 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799



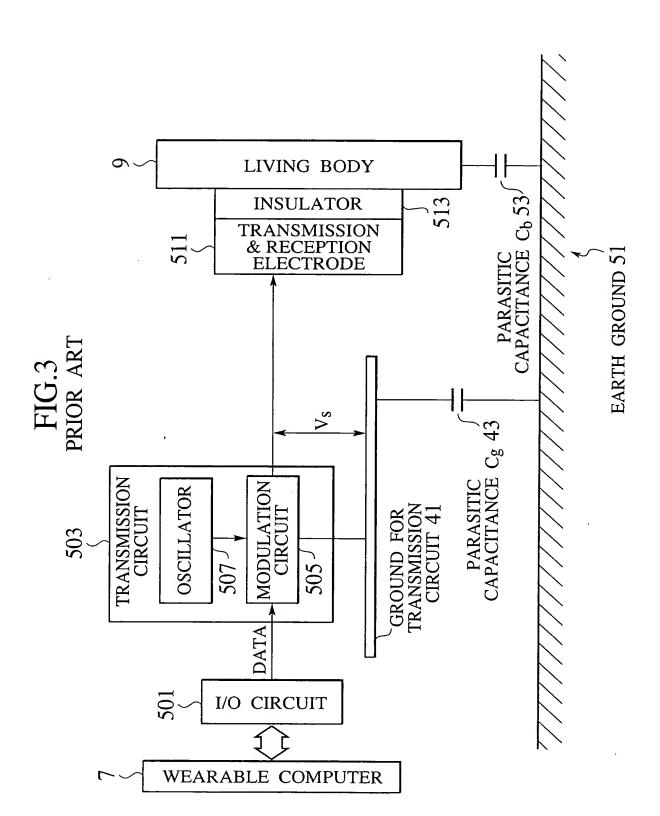
Applicant: Minotani et al: — Sheet 2 of 42—Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799

FIG.2 PRIOR ART



Applicant: Minotani et al. Sheet 3 of 42. Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110)

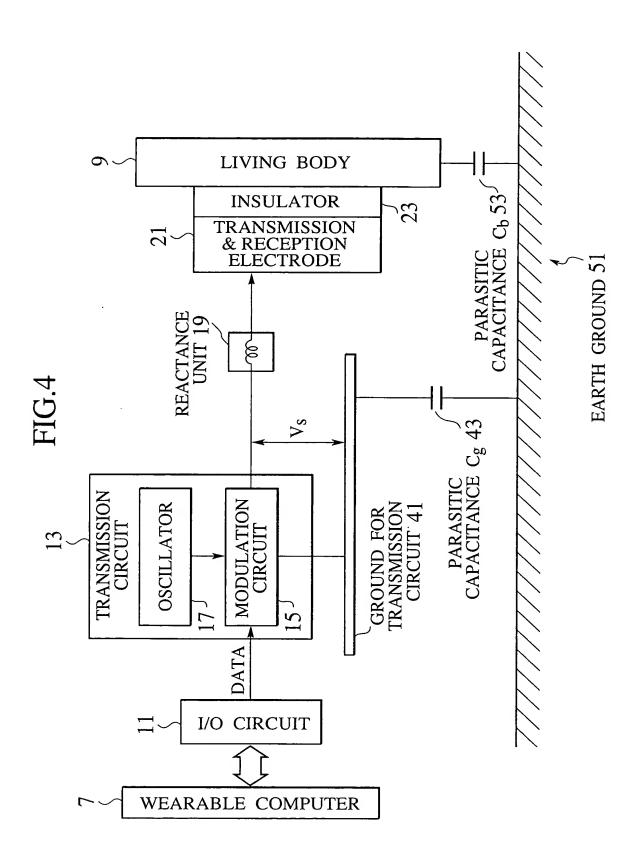
Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant: Minotani et al. Sheet 4 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799

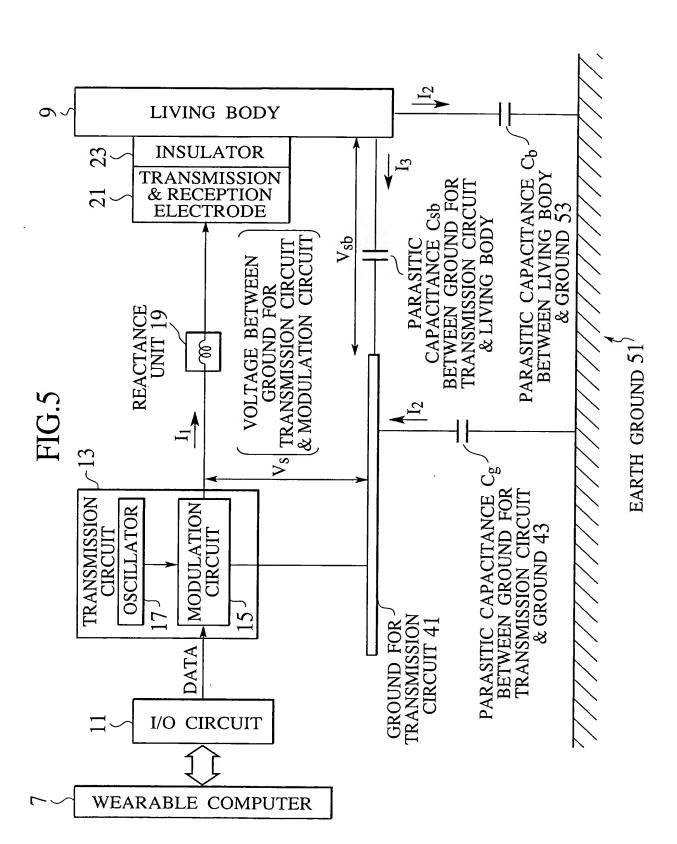
4/42



Applicant: Minotani et al. Sheet 5.of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Appl Dia # 44471 DOLLIE)

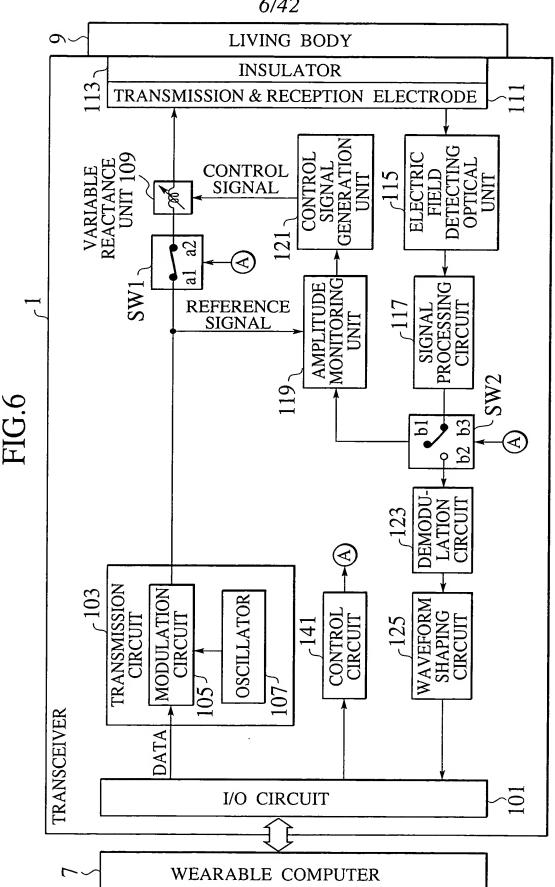
(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799



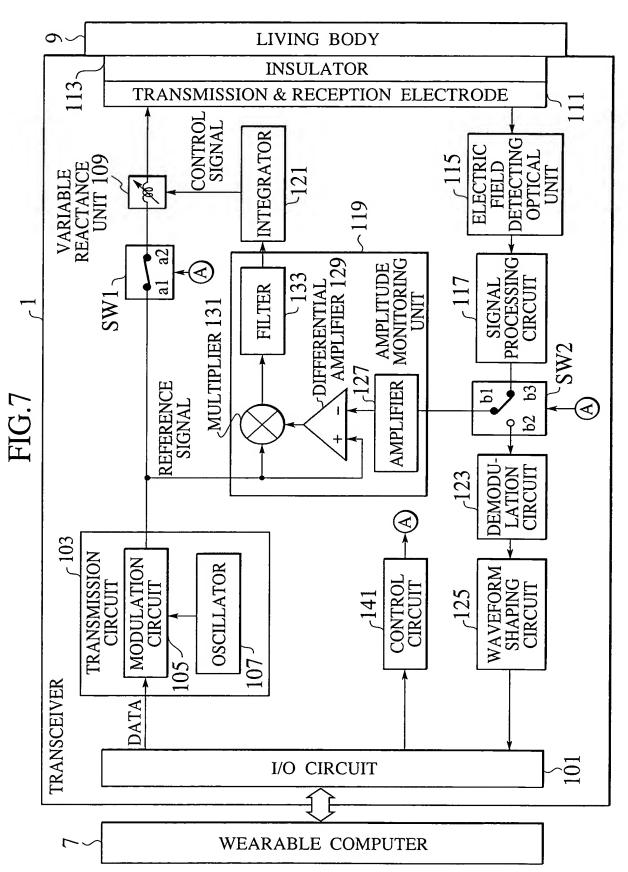
Sheet 6 of 42 Applicant: Minotani et al. Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799

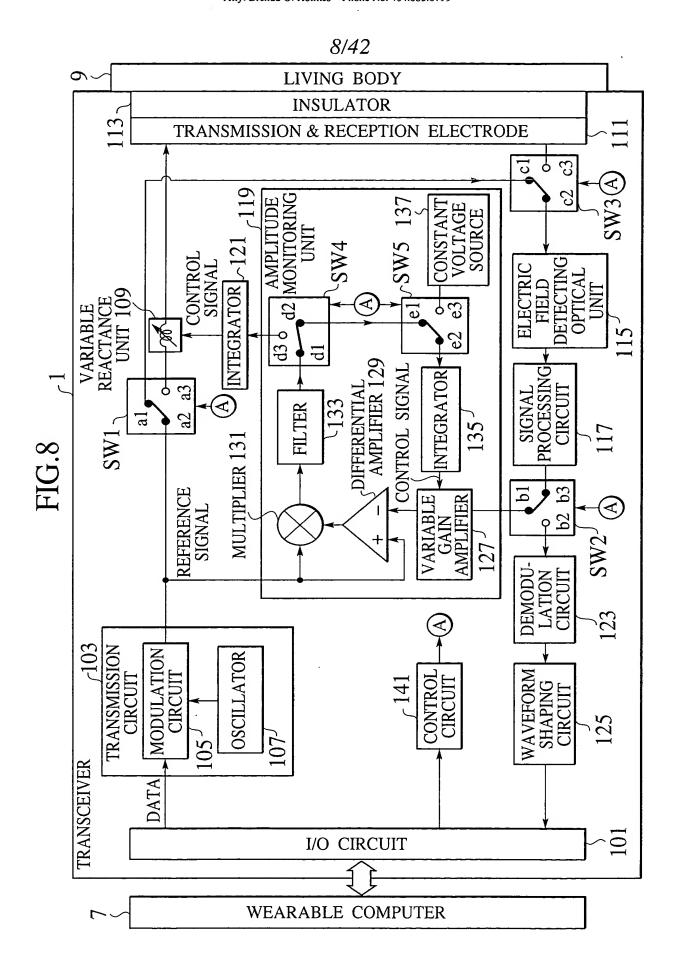


Applicant: Minotani et al. — Sheet 7 of 42— Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110) Atty: Brenda O. Holmes Phone No. 404.685.6799

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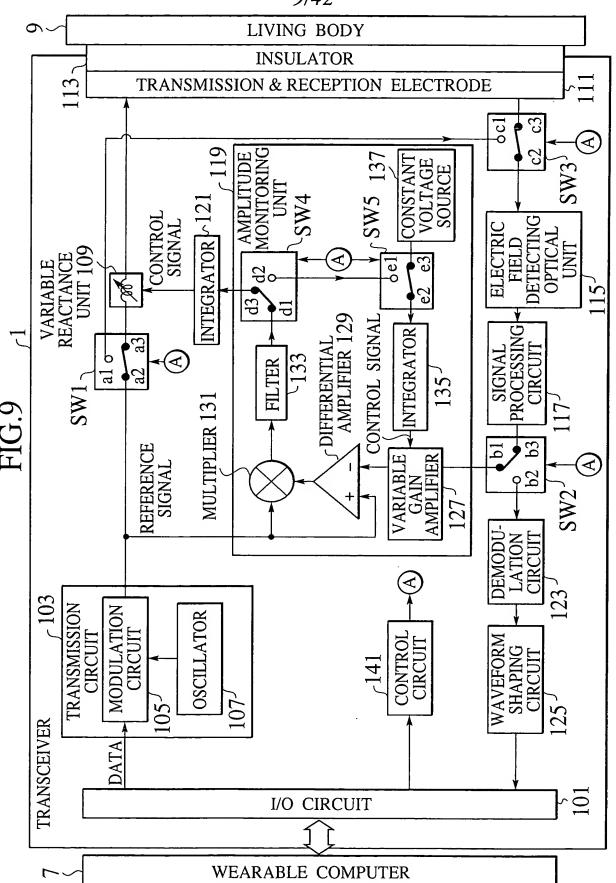


Applicant: Minotani et al. ———Sheet 8-of 42—
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799

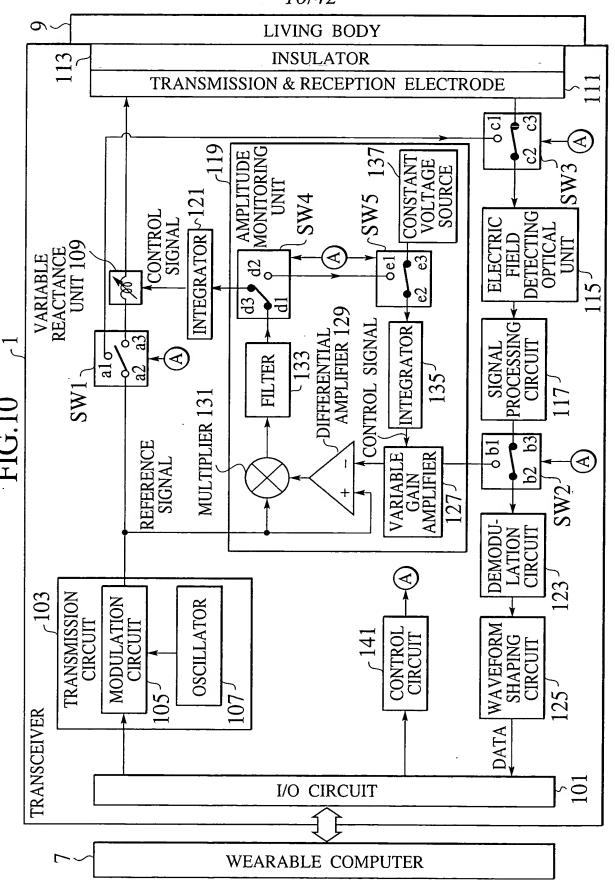


Applicant: Minotani et al. Sheet 9 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799

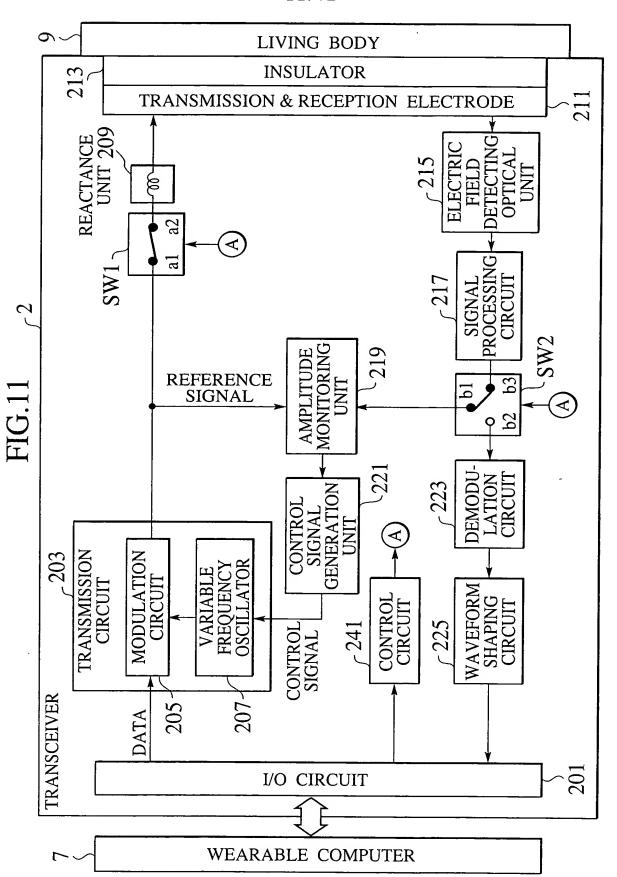




Applicant: Minotani et al. Sheet 10 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799



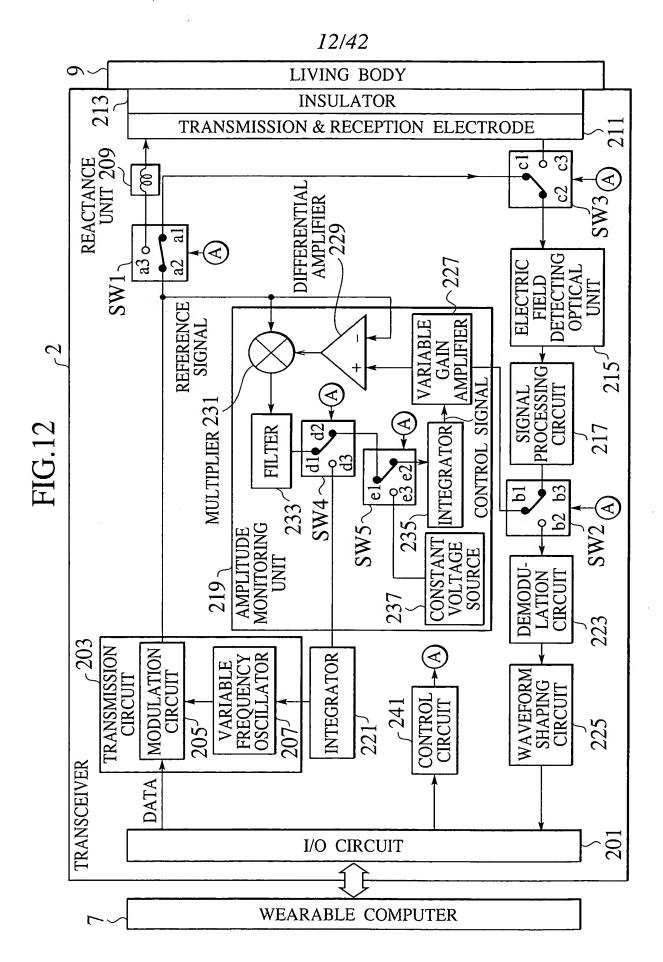
Applicant: Minotani et al. Sheet-11 of 42-Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110) Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant: Minotani et al. Sheet 12 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance

(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant: Minotani et al. Sheet 13 of 42 Title: Transceiver Capable of Gausing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404:685:6799

13/42 LIVING BODY INSULATOR TRANSMISSION & RECEPTION **ELECTRODE** REACTANCE UNIT 209 ϕ c1 3 $\langle \nabla \rangle$ DIFFERENTIAL AMPLIFIER 229 SW3 DETECTING a3 **a**2 **ELECTRI**(UNIT REFERENCE VARIABLE GAIN SIGNAL AMPLIFIER \sim **PROCESSING** SIGNAL CIRCUIT MULTIPLIER 23 FIG.13 | d1 | d2 | 217FILTER INTEGRATOR CONTROL 235 e3 e2 <u>وا</u>م SW4**b**1 233- ${\mathbb Z}$ SW5 SW2 MONITORING **AMPLITUDE** VOLTAGE CONSTANT SOURCE LINI 237 DEMODU-LATION CIRCUIT 219 223 TRANSMISSION MODULATION INTEGRATOR **OSCILLATOR** VARIABLE REOUENCY WAVEFORM CIRCUIT CIRCUIT SHAPING CIRCUIT CONTROL CIRCUIT 225 221 TRANSCEIVER DATA 201 I/O CIRCUIT

WEARABLE COMPUTER

Applicant: Minotani et al. Sheet 14 of 42

Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799

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FIG.14A

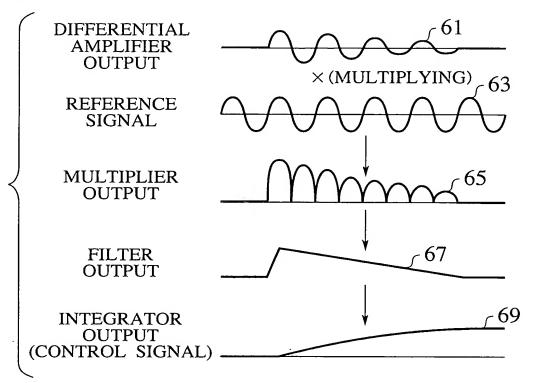
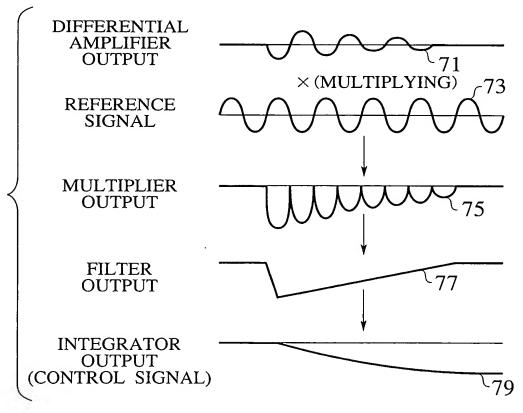
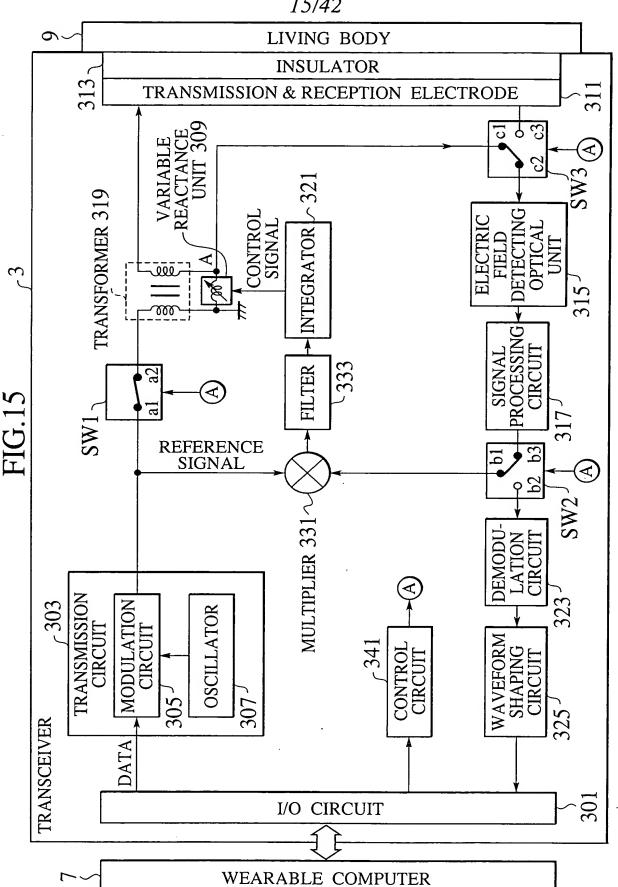


FIG.14B

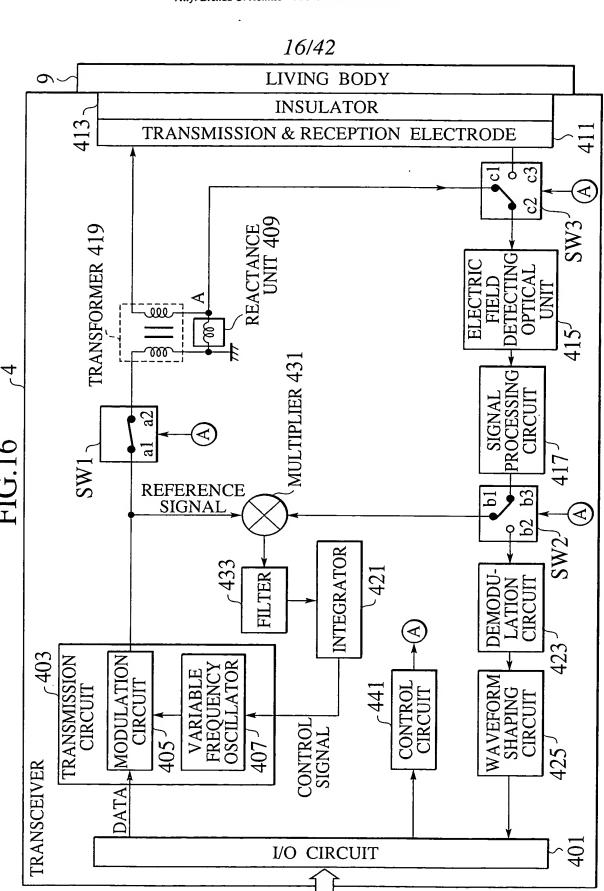


Applicant: Minotani et al. Sheet 15. of 42
Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110) Atty: Brenda O. Holmes Phone No. 404.685.6799`



Applicant: Minotani et al. Sheet 16 of 42-Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799

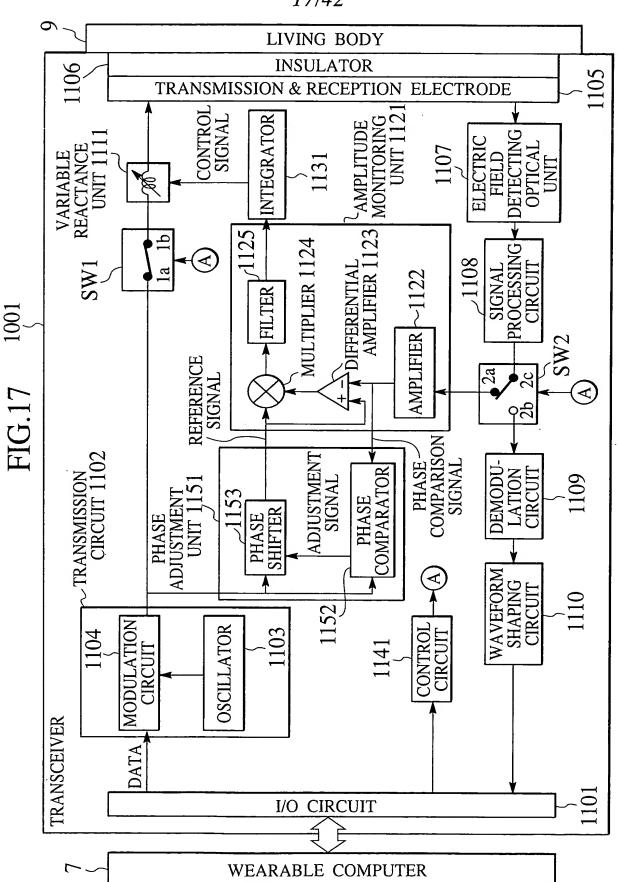


WEARABLE COMPUTER

Applicant: Minotani et al. Sheet 17 of 42 Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799

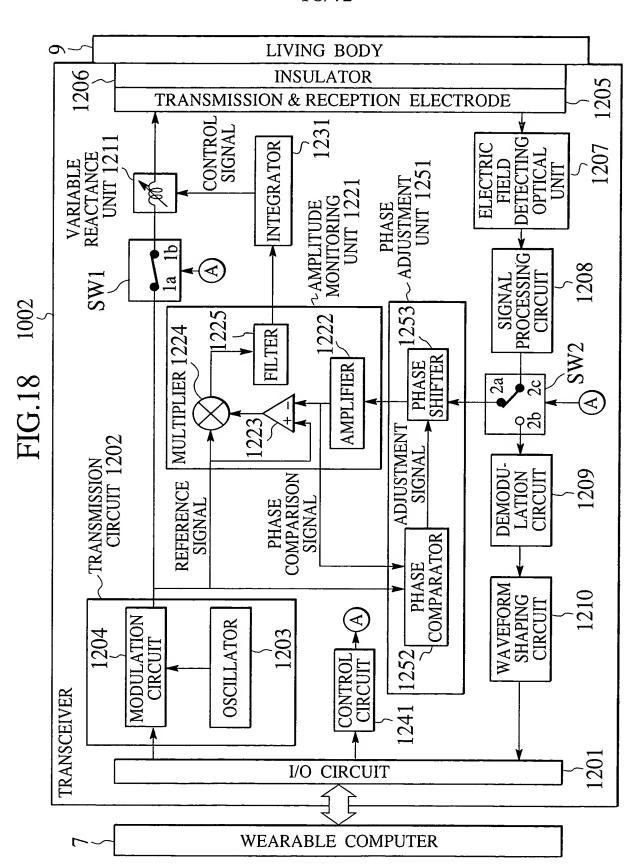
17/42



Applicant: Minotani et al. Sheet 18 of 42 Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110)

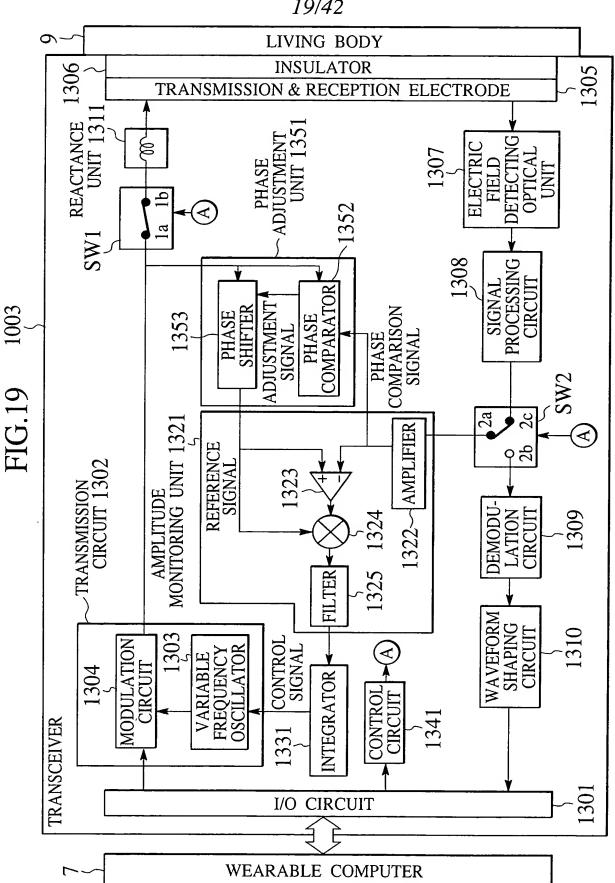
Atty: Brenda O. Holmes Phone No. 404.685.6799

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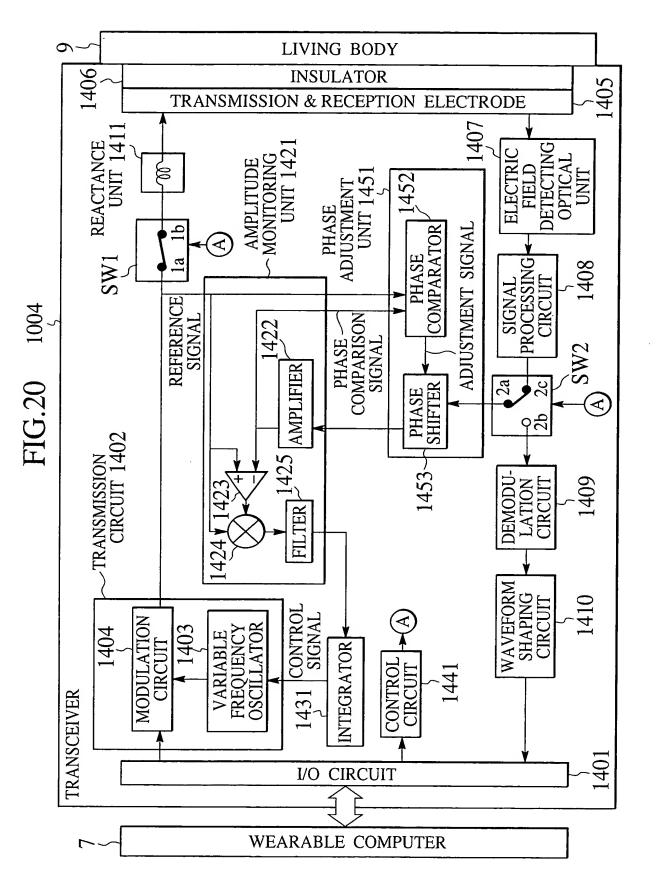
Applicant: Minotani et al. ____Sheet 19 of 42 Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110) Atty: Brenda O. Holmes Phone No. 404.685.6799

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Applicant: Minotani et al. Sheet 20 of 42— Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110) Atty: Brenda O. Holmes Phone No. 404.685.6799

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Applicant: Minotani et al. Sheet 21 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799

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FIG.21A

1061 **AMPLIFIER OUTPUT** 1063 REFERENCE **SIGNAL** DIFFERENTIAL 1065 **AMPLIFIER** OUTPUT \times (MULTIPLYING) - 1063 **REFERENCE SIGNAL FILTER** - 1067 **OUTPUT** - 1069 **INTEGRATOR OUTPUT**

FIG.21B

AMPLIFIER OUTPUT

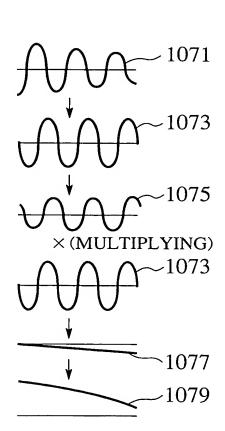
REFERENCE SIGNAL

DIFFERENTIAL AMPLIFIER OUTPUT

REFERENCE SIGNAL

> FILTER OUTPUT

INTEGRATOR OUTPUT



Applicant: -Minotani et al. --- Sheet-22 of 42-Title: Transceiver Capable of Causing Series

Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799

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FIG.22A

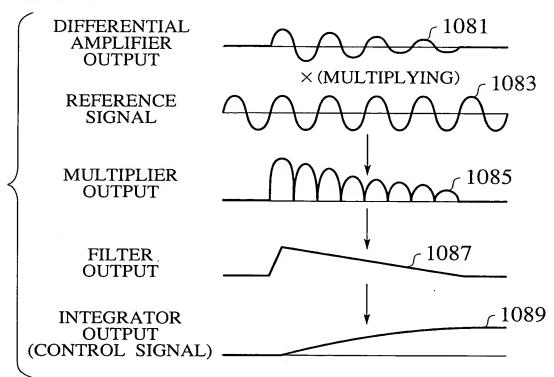
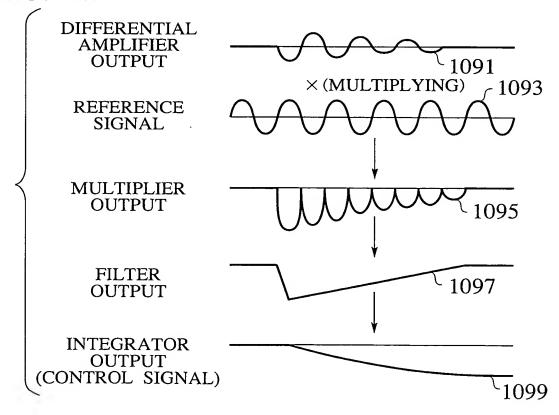
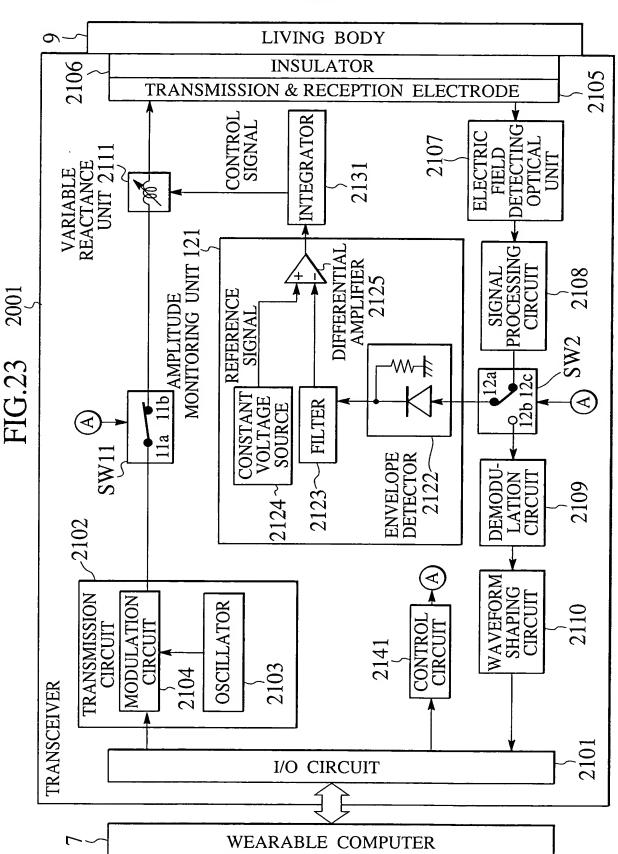


FIG.22B



Applicant: Minotani et al. Sheet 23 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)

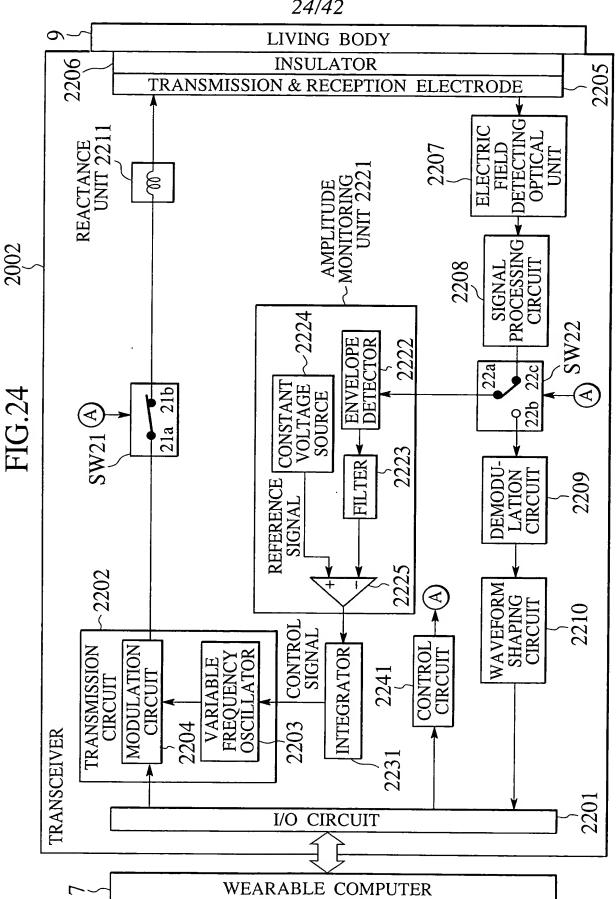
Atty: Brenda O. Holmes Phone No. 404.685.6799



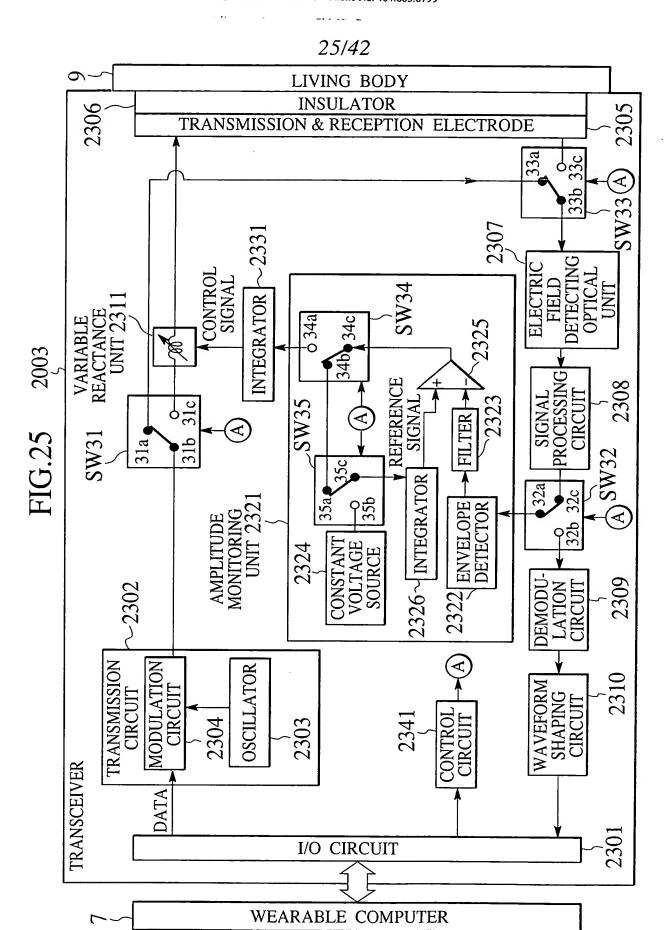
Applicant: Minotani et al. Sheet 24 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799



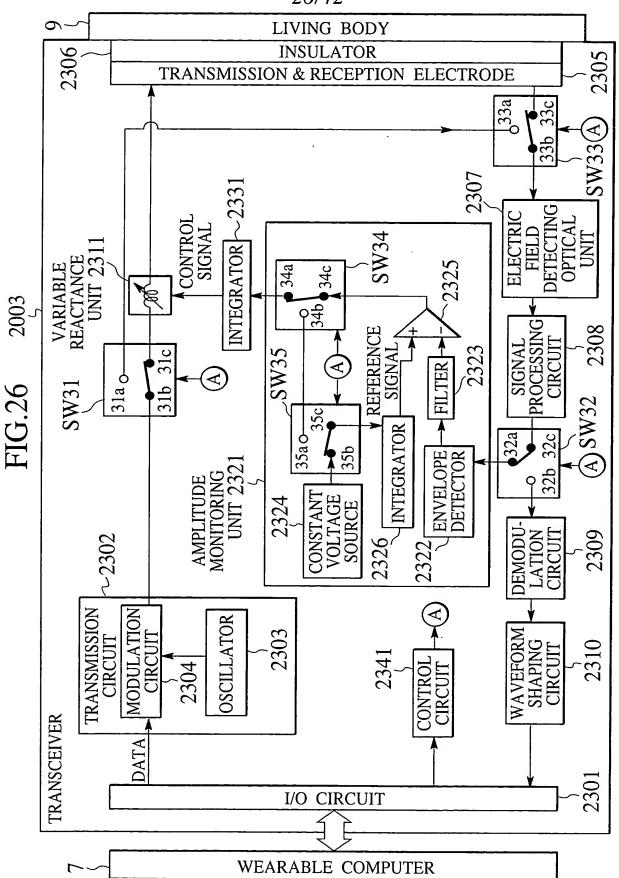


Applicant: Minotani et al. — Sheet 25 of 42 Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant: Minotani et al. Sheet 26 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799

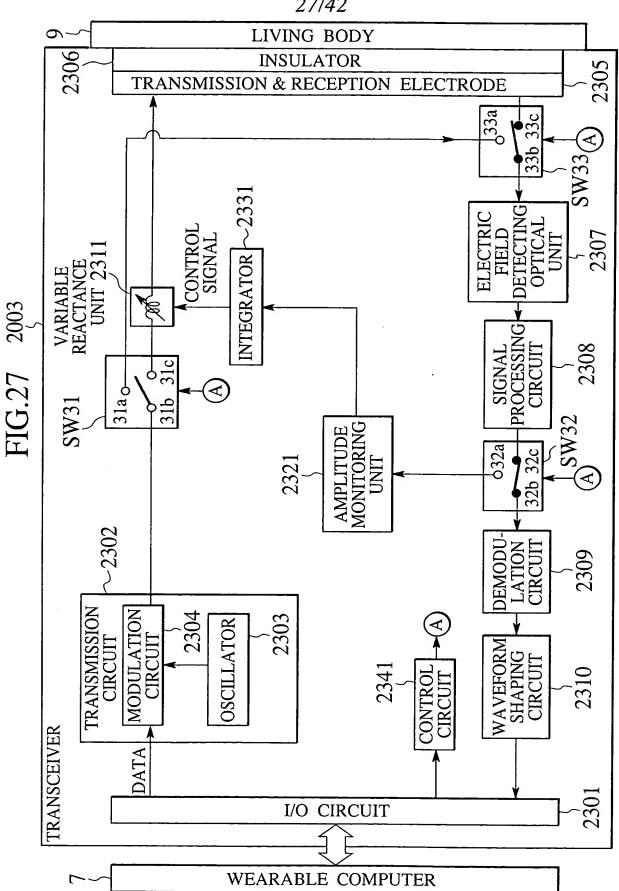




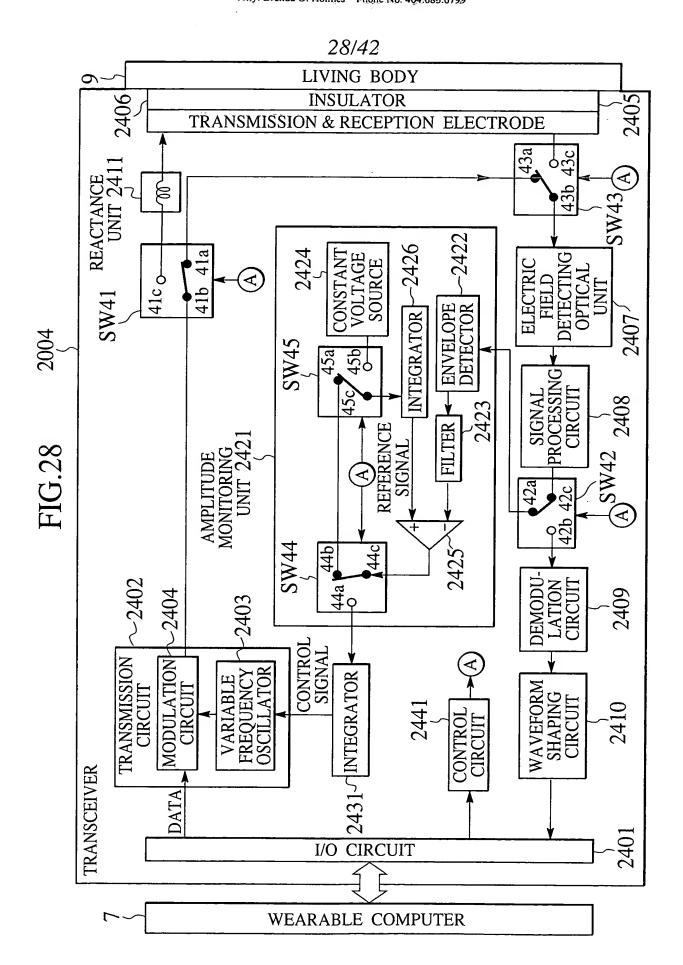
Applicant: Minotani et al. Sheet 27 of 42 Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance

(Atty Dkt. # 44471/294110) Atty: Brenda O. Holmes Phone No. 404.685.6799





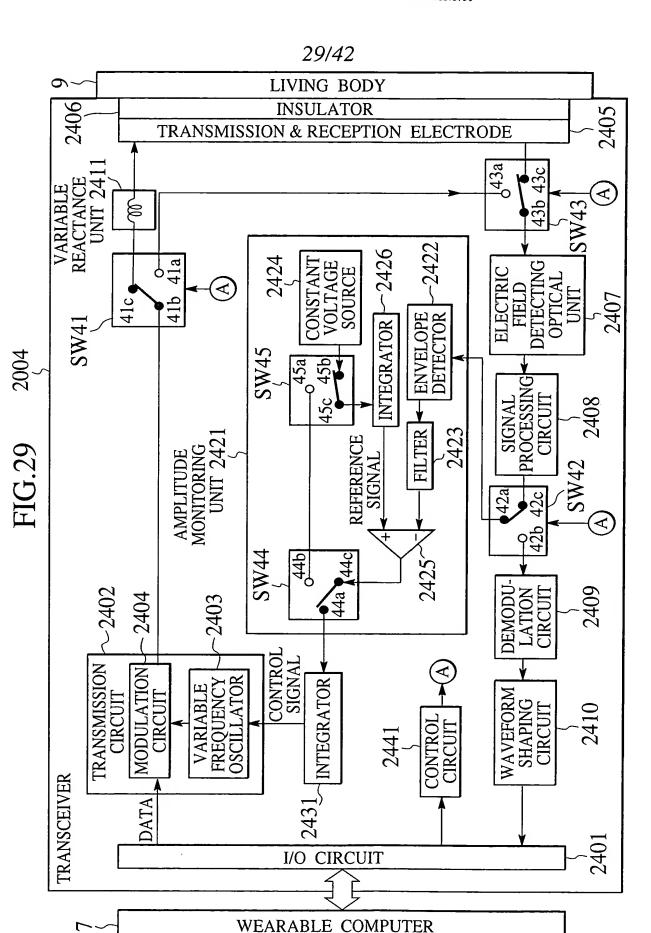
Applicant: Minotani et al. Sheet 28 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404:685.6799



Applicant: Minotani et al. Sheet 29 of 42.

Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant: Minotani et al. Sheet 30 of 42
Title: Transceiver Capable of Causing Series

Resonance with Parasitic Capacitance

(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799

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FIG.30A

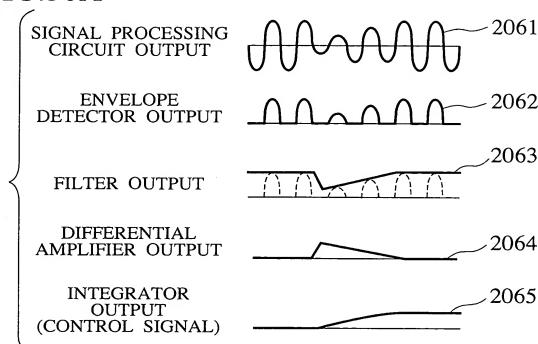
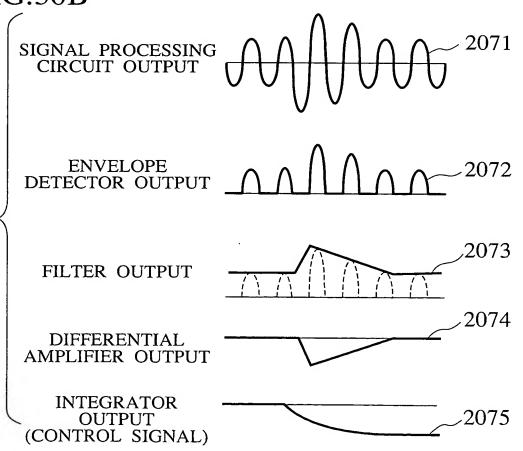
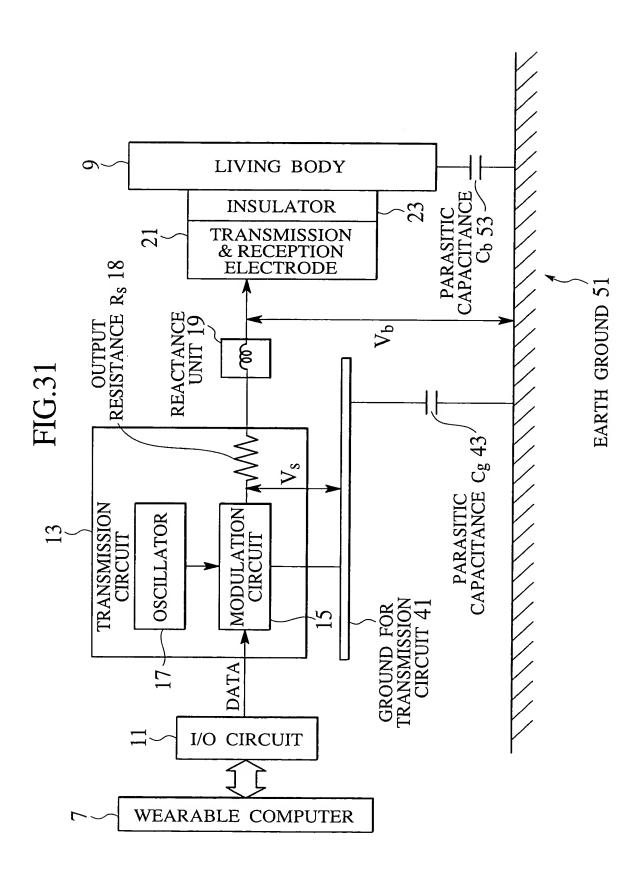


FIG.30B

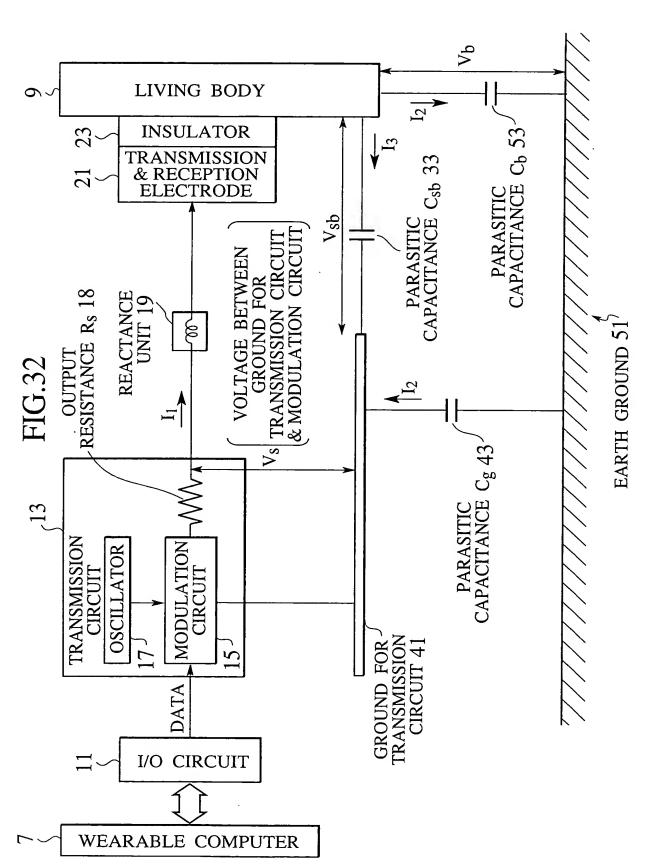


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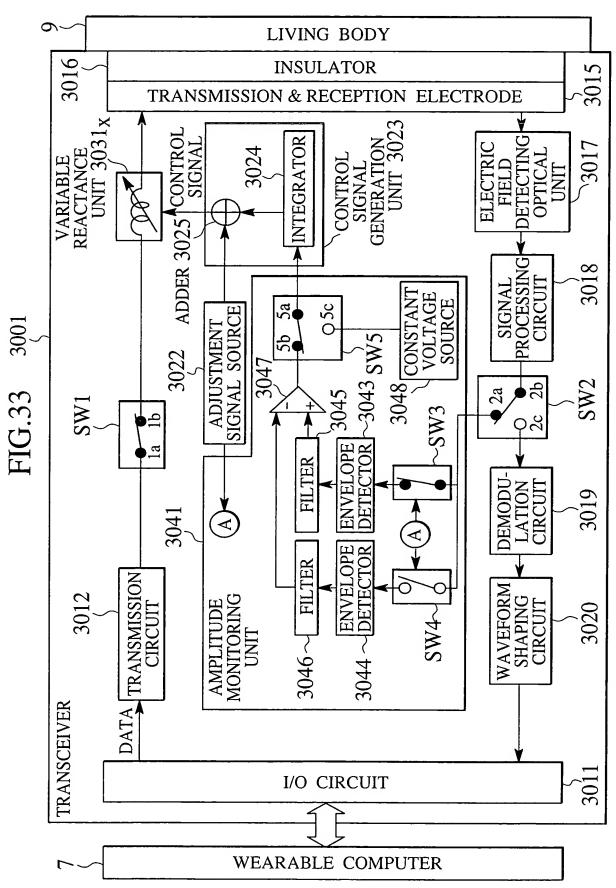
Applicant: Minotani et al. Sheet 32 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799

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Applicant: Minotani et al. Sheet 33 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799

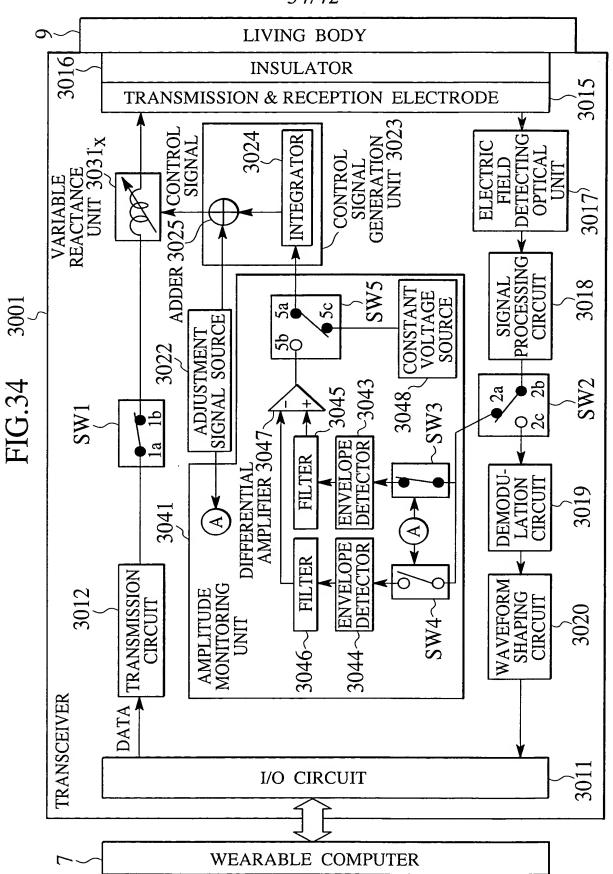
33/42



Applicant: Minotani et al. Sheet 34 of 42 Title: Transceiver Capable of Gausing Series Resonance with Parasitic Capacitance (Atty Dkt. # 4447 1/2241 10)

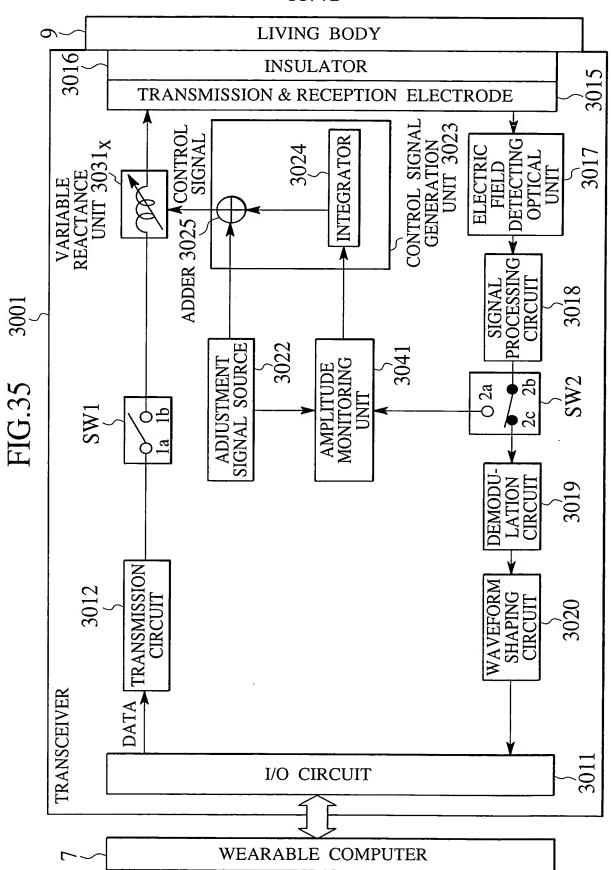
Atty Brenda O. Holmes Phone No. 404 685 6799

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Applicant: Minotani et al. Sheet 35 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799

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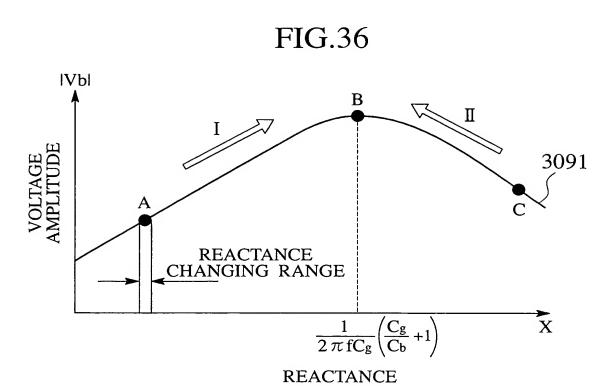


Applicant: Minotani et al. Sheet 36 of 42

Title: Transceiver Capable of Causing Series

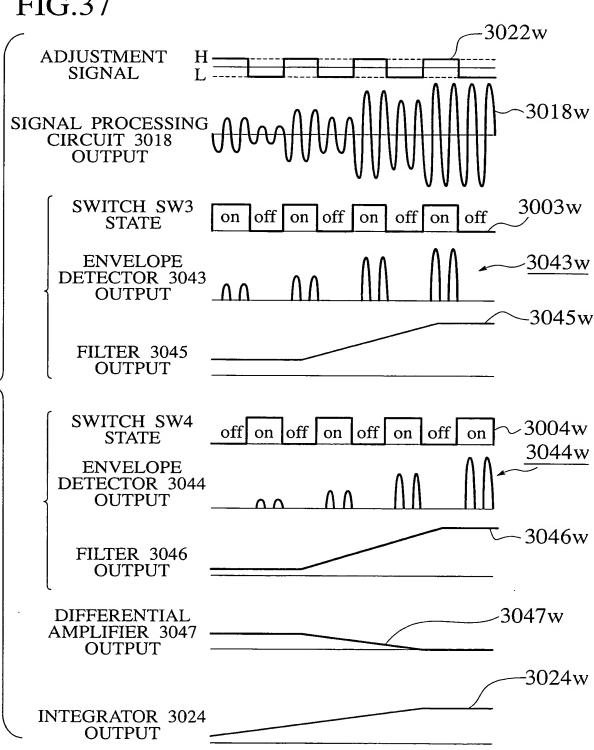
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)

Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant: Minotani et al. -Sheet 37 of 42 Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110) Atty: Brenda O. Holmes Phone No. 404.685.6799





Applicant: Minotani et al. Sheet 38 of 42
Title: Transceiver Capable of Causing Series

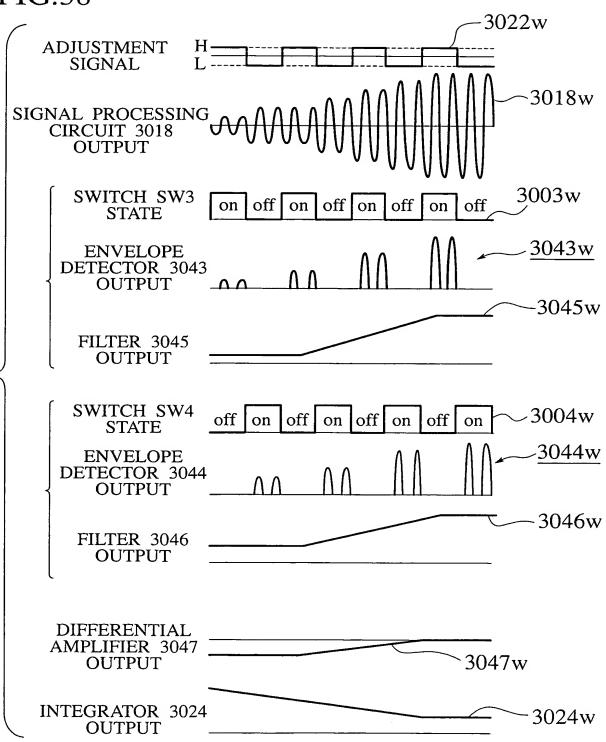
Resonance with Parasitic Capacitance

(Atty Dkt. # 44471/294110)

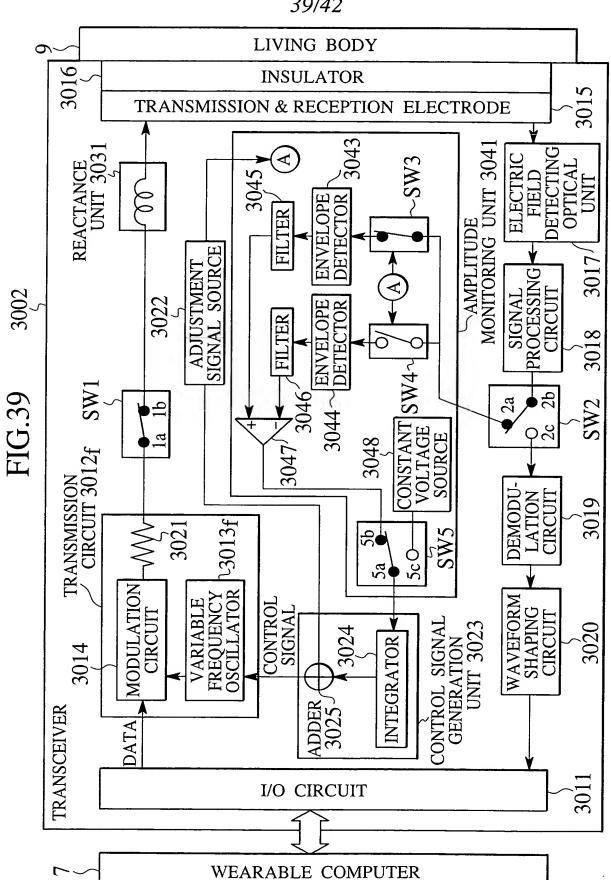
Atty: Brenda O. Holmes Phone No. 404.685.6799

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FIG.38



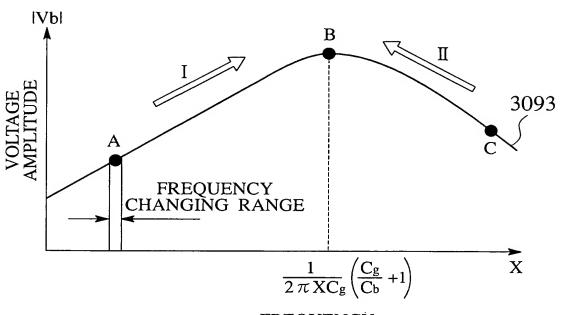
Applicant: Minotani et al. Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110) Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant: Minotani et al. _____Sheet 40.of.42 Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110)
Atty: Brenda O. Holmes Phone No. 404.685.6799

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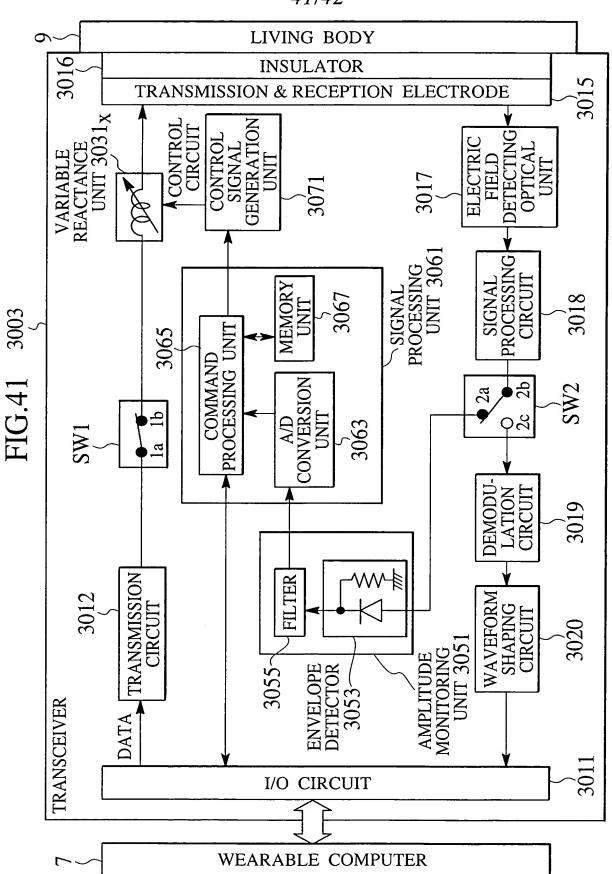




FREQUENCY

Applicant: Minotani et al. Sheet 41 of 42
Title: Transceiver Capable of Causing Series
Resonance with Parasitic Capacitance
(Atty Dkt. # 44471/294110)
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Applicant: Minotani et al. Sheet 42 of Title: Transceiver Capable of Causing Series Resonance with Parasitic Capacitance (Atty Dkt. # 44471/294110) Sheet 42 of 42

Atty: Brenda O. Holmes Phone No. 404.685.6799

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